

Middle School Initiative

**PART I
COVER SHEET**

CAP 3 SEMESTER 1 WEEK 12

COURSE: Dr. Robert H. Goddard Aerospace Education, Achievement 7

LESSON TITLE: Manned Spacecraft

LENGTH OF LESSON: 50 Minutes

METHOD: Lecture - Performance

REFERENCE(S):

1. *Aerospace Dimensions*, Module 6, Chapter 2, 2000
2. Study Guide, 2000
3. Leader Guide, 2000
4. Resource Guide, 2000

AUDIO/VISUAL AIDS/HANDOUTS/ACTIVITY MATERIAL(S): As Needed

COGNITIVE OBJECTIVE: To learn about the different manned spacecraft that has been used.

COGNITIVE SAMPLES OF BEHAVIOR: Upon completion of this chapter, the cadet should be able to:

1. List the manned space flight projects and their missions.
2. Identify the American and Russian joint manned spacecraft mission.
3. Describe the accomplishments of Alan Shepard and Neil Armstrong.
4. State specific facts about the Hubble Space Telescope.

AFFECTIVE OBJECTIVE: N/A

AFFECTIVE SAMPLES OF BEHAVIOR: N/A

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PART II TEACHING PLAN

Introduction

ATTENTION: Today, you will continue your Aerospace Education studies in *Aerospace Dimensions*, Module 6 with Chapter 2 - Manned Spacecraft.

MOTIVATION: Who are Alan Shepard and Neil Armstrong? What did they do that made them famous? How many manned spacecraft projects has America had? What is the name of the current one? This chapter will answer those questions.

OVERVIEW: During this period, you will continue your aerospace studies with Manned Spacecraft.

Body

NOTE: The instructor should use the lesson plan in the Leader Guide, Pages 39-41. The cadets should use the Study Guide, Pages 29-30. A materials list is located in the Resource Guide, Page 54-55.

Conclusion

SUMMARY: We have studied the material in *Aerospace Dimensions*, Module 6, Chapter 2.

REMOTIVATION: There are many manned space projects that are continuing today. Knowing what they are and how each affects our way of life helps you understand our world.

CLOSURE: Next week, we will continue our AE studies with Module 6, Chapter 3 - Living and Working in Space. **Any questions? See you next week!**

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**PART III
LESSON REVIEW**

LESSON OBJECTIVE(S): Today, we learned how to:

1. List the manned space flight projects and their missions.
2. Identify the American and Russian joint manned spacecraft mission.
3. Describe the accomplishments of Alan Shepard and Neil Armstrong.
4. State specific facts about the Hubble Space Telescope.

LESSON QUESTIONS: Contained in *Aerospace Dimensions*, Module 6, Chapter 2.